

DATA ANALYTICS, CERTIFICATE OF SPECIALIZATION

Banner Code: 3_CE_DATA

Not Financial Aid Eligible

The certificate program provides students with a basic foundation in the fields of data analytics and business intelligence. The program is designed to prepare students for entry-level jobs, such as Business Analytics Specialist, Data Analyst, Data Visualization Developer, Operations Research Assistant, and Market Research Assistant. Topics covered will include an introduction to data analytics, SQL queries and data views, and data visualizations.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Apply the methods, techniques, and tools relevant to data analytics.
2. Solve organizational problems by applying the methods, techniques, and tools relevant to systems analysis and design.
3. Demonstrate predictive analytics techniques to provide recommendations for common business scenarios.

Review Graduation Requirements (<https://catalog.cccd.edu/coastline/graduation-requirements/certificates/#specializationtext>).

| Course | Title | Units |
|-------------------------|--------------------------------|----------|
| Required Core | | |
| Complete the following: | | |
| CIS C240 | SQL Database Development | 3 |
| CIS C250 | Introduction to Data Analytics | 3 |
| CIS C280 | Data Visualization | 3 |
| Total Units | | 9 |